

| Ref # | Hits | Search Query  | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|------|---|--|------------------|---------|------------------|
| L1    | 8    | reduc\$3 same (reverse adj link) same R-SCH   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT             | OR               | ON      | 2005/08/02 11:51 |
| S1    | 1044 | 455/436.ccls.   | USPAT  | OR               | ON      | 2005/07/28 14:25 |
| S2    | 0    | handoff adj control\$3 adj circuit  | USPAT  | OR               | ON      | 2005/07/28 14:01 |
| S3    | 1    | handoff near control\$3 near circuit  | USPAT  | OR               | ON      | 2005/07/28 14:03 |
| S4    | 216  | handoff same control\$3 same circuit  | USPAT  | OR               | ON      | 2005/08/01 15:52 |
| S5    | 44   | S1 and S4   | USPAT  | OR               | ON      | 2005/07/28 14:04 |
| S6    | 2852 | revers\$3 near link\$3  | USPAT  | OR               | ON      | 2005/07/28 14:04 |
| S7    | 10   | S5 and S6   | USPAT  | OR               | ON      | 2005/07/28 14:06 |
| S8    | 2703 | (combin\$ or add\$5 or group\$3) and S6   | USPAT  | OR               | ON      | 2005/07/28 14:50 |
| S9    | 2703 | (combin\$ or add\$5 or group\$3) and S6   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/07/28 14:09 |
| S10   | 55   | S9 and S4   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/07/28 14:09 |
| S11   | 10   | S10 and S1  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/07/28 14:13 |
| S12   | 10   | S10 and S1  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/07/28 14:13 |
| S13   | 565  | 455/442.ccls.   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/07/28 14:25 |
| S14   | 2406 | handoff same (control\$3 or circuit)  | USPAT  | OR               | ON      | 2005/07/28 14:31 |
| S15   | 197  | S14 and S13   | USPAT  | OR               | ON      | 2005/07/28 14:31 |
| S16   | 67   | S15 and S9  | USPAT  | OR               | ON      | 2005/07/28 14:33 |
| S17   | 67   | S16 and S6  | USPAT  | OR               | ON      | 2005/07/28 14:33 |
| S18   | 0    | (assign\$4 near3 (combin\$ or group\$3 or multicat\$4)) near (reverse adj link) with sector | USPAT  | OR               | ON      | 2005/07/28 14:55 |

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| S19 | 0   | (assign\$4 near3 (combin\$ or group\$3 or multicat\$4)) near (reverse adj.link) same sector | USPAT                                  | OR | ON | 2005/07/28 14:56 |
| S20 | 1   | (assign\$4 near3 (combin\$ or group\$3 or multicat\$4)) near (reverse adj link) same sector | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/07/28 14:59 |
| S21 | 150 | assign\$3 near "reverse link"   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/07/28 15:06 |
| S22 | 45  | S21 and S9  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/07/28 15:10 |
| S23 | 6   | S21 and S13   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/07/28 15:10 |
| S24 | 55  | (reverse near link) with Qos  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/07/29 15:46 |
| S25 | 53  | S24 and "base station"  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/07/29 10:11 |
| S26 | 25  | S25 and "soft handoff"  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/07/29 10:15 |
| S27 | 25  | S24 and "soft handoff"  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/07/29 14:03 |
| S28 | 22  | S27 and sector  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/07/29 10:28 |
| S29 | 525 | (intellig\$4 or smart) near3 "base station"   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/07/29 11:06 |
| S30 | 14  | S29 and 455/442.ccls.   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/07/29 17:20 |
| S31 | 9   | ("4704734"   "5375123"   "5539923"   "5648962").PN. OR ("5953668").URPN.                    | US-PGPUB;<br>USPAT;<br>USOCR           | OR | ON | 2005/07/29 10:52 |

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| S32 | 9    | ("4704734"   "5375123"   "5539923"   "5648962").PN. OR ("5953668").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR           | OR | ON | 2005/07/29 10:53 |
| S33 | 36   | ("4144409"   "4144496"   "4163121"   "4672658"   "4726014"   "4771448"   "4777633"   "4785450"   "4825448"   "4829554"   "4924480"   "4955050"   "5036531"   "5084869"   "5210787"   "5251248"   "5260987"   "5287384"   "5303234"   "5305308"   "5353331"   "5353333"   "5396543"   "5400327"   "5400390"   "5422935"   "5479483"   "5513183"   "5526397"   "5577105"   "5787364"   "5812951"   "5953668"   "6101400"   "6173177").PN. OR ("6597912").URPN. | US-PGPUB;<br>USPAT;<br>USOCR           | OR | ON | 2005/07/29 11:05 |
| S34 | 0    | S29 and S24  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/07/29 11:06 |
| S35 | 20   | S29 and "soft handoff"   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/07/29 11:55 |
| S36 | 249  | reverse near (link or channel) near assign\$4  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/07/29 14:02 |
| S37 | 7    | S36 and 455/442.ccls.  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/07/29 14:15 |
| S38 | 366  | reverse near3 (link or channel) near assign\$4   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/07/29 12:14 |
| S39 | 43   | S38 and Qos  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/07/29 12:14 |
| S40 | 34   | ("5619492"   "5734646"   "5857147").PN. OR ("6069883").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR           | OR | ON | 2005/07/29 14:02 |
| S41 | 8298 | reverse near (link or channel or resource)   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/07/29 14:04 |
| S42 | 1282 | S41 and "soft handoff"   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/07/29 14:06 |

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| S43 | 631 | reverse near (link or channel or resource) near ("base station" or "radio base station" or "base tranceiver station")                    | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/07/29 14:09 |
| S44 | 262 | S43 and ("soft handoff" or "softer handoff")   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/07/29 14:07 |
| S45 | 200 | S44 and circuit  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/07/29 14:11 |
| S46 | 0   | S44 and (conbiner or addition) near circuit  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/07/29 14:09 |
| S47 | 0   | (addition\$3 near reverse) near (link or channel or resource) near ("base station" or "radio base station" or "base tranceiver station") | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/07/29 14:10 |
| S48 | 0   | (addition\$3 same reverse) near (link or channel or resource) near ("base station" or "radio base station" or "base tranceiver station") | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/07/29 14:10 |
| S49 | 160 | S45 and combin\$3  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/07/29 14:13 |
| S50 | 129 | S49 and (sector\$4 or "intra-cell")  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/07/29 16:47 |
| S51 | 8   | S50 and 455/442.ccls.  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/07/29 14:27 |
| S52 | 0   | handoff near control near circuit and 455/442.ccls.  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/07/29 14:28 |
| S53 | 7   | handoff near control near circuit  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/07/29 14:28 |
| S54 | 188 | combin\$4 near( "reverse link" or uplink)  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/07/29 15:49 |

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| S55 | 10      | (combin\$4 near( "reverse link" or uplink)) near3 ("base station" or "access point" or "access node" or "access terminal")  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/07/29 17:13 |
| S56 | 56      | (combin\$4 same( "reverse link" or uplink)) near3 ("base station" or "access point" or "access node" or "access terminal")  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/07/29 17:05 |
| S57 | 56      | (combin\$4 same ( "reverse link" or uplink)) near3 ("base station" or "access point" or "access node" or "access terminal") | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/07/29 16:48 |
| S58 | 1757287 | combin\$3   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/07/29 16:45 |
| S59 | 7946    | "softer handoff" or handover  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/07/29 17:45 |
| S60 | 162281  | (sector\$4 or "intra-cell")   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/07/29 16:47 |
| S61 | 118550  | ("base station" or "access point" or "access node" or "access terminal" or "radio base station")                            | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/07/29 16:49 |
| S62 | 3057    | S58 and S59   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/07/29 16:56 |
| S63 | 861     | S62 and S60   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/07/29 16:57 |
| S64 | 790     | S63 and S61   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/07/29 16:57 |
| S65 | 92      | S64 and 455/442.ccls.   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/07/29 17:03 |
| S66 | 200     | (handoff or handover) near (circuit or controller)  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/07/29 17:31 |

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| S67 | 4     | S54 and S66  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/07/29 17:15 |
| S68 | 19516 | combin\$4 near circuit   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/07/29 17:17 |
| S69 | 2     | S66 and S68  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/07/29 17:19 |
| S70 | 1603  | S60 and reverse near link  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/07/29 18:18 |
| S71 | 76    | S70 and 455/442.ccls.  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/07/29 17:21 |
| S72 | 8     | S70 and ("softer-handoff" or "softer handover")                                      | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/07/29 17:37 |
| S73 | 5033  | reverse adj link   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/07/29 17:31 |
| S74 | 28    | S66 and S73  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/07/29 17:32 |
| S75 | 1     | S74 and ("softer-handoff" or "softer handover")                                      | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/07/29 17:37 |
| S76 | 8     | ("6009124"   "6091788"   "6128476"   "6134261"   "6212406").PN. OR ("6320898").URPN. | US-PGPUB;<br>USPAT;<br>USOCR           | OR | ON | 2005/07/29 17:41 |
| S77 | 487   | "softer handoff" or "softer handover"  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/07/29 18:12 |
| S78 | 456   | S77 and S61  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/07/29 17:46 |
| S79 | 231   | S78 and (reverse near link)  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/07/29 17:48 |

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| S80 | 8680    | combin\$3 adj circuit   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/07/29 17:49 |
| S81 | 1       | S79 and S80   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/07/29 17:50 |
| S82 | 31282   | controll\$3 adj circuit   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/07/29 17:50 |
| S83 | 2       | S79 and S82   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/07/29 17:50 |
| S84 | 14      | ("4607389"   "4694484"   "5528691"  <br>"5548813"   "5557603"   "5572201"  <br>"5628052"   "5768685"   "5805983"  <br>"5887255"   "5970410"   "6058317"  <br>"6223056"   "6269255").PN. OR<br>("6801788").URPN. | US-PGPUB;<br>USPAT;<br>USOCR           | OR | ON | 2005/07/29 17:52 |
| S85 | 1       | R-SCH and 455/442.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR           | OR | ON | 2005/07/29 18:11 |
| S86 | 10      | S77 and R-SCH   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/07/29 18:18 |
| S87 | 20      | ("5268933"   "5305308"   "5673031"  <br>"5799010"   "5896411"   "6069883"  <br>"6154659"   "6163707"   "6216019"  <br>"6304562").PN. OR ("6434367").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR           | OR | ON | 2005/07/29 18:17 |
| S88 | 263     | "serving sector"  | US-PGPUB;<br>USPAT;<br>USOCR           | OR | ON | 2005/07/29 18:18 |
| S89 | 129     | S88 and reverse near link   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/07/29 18:18 |
| S90 | 5       | S89 and R-SCH   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/07/29 18:18 |
| S91 | 2775316 | maximum neaar ratio   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/08/01 09:38 |

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| S92      | 13395 | maximum near ratio    | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/08/01 09:39 |
| S93      | 5984  | S92 and combin\$4     | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/08/01 09:57 |
| S94      | 27    | S93 and 455/442.ccls. | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/08/01 15:51 |
| S95      | 5038  | "reverse link"        | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/08/01 09:49 |
| S96      | 27    | S94 and 455/442.ccls. | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/08/01 09:57 |
| S97      | 27    | S93 and 455/442.ccls. | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/08/01 09:52 |
| S98      | 133   | S95 and 455/442.ccls. | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/08/01 09:53 |
| S99      | 3     | S98 and S93           | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/08/01 09:53 |
| S10<br>0 | 27    | S96 and combin\$4     | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/08/01 09:56 |
| S10<br>1 | 565   | 455/442.ccls.         | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/08/01 10:05 |
| S10<br>2 | 335   | S101 and combin\$4    | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/08/01 10:32 |
| S10<br>3 | 335   | S102 and S101         | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/08/01 09:58 |



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| S10<br>4 | 97   | S102 and S95                                 | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/08/01 09:58 |
| S10<br>5 | 33   | S104 and softer                              | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/08/01 10:00 |
| S10<br>6 | 31   | S105 and secto\$4                            | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/08/01 10:05 |
| S10<br>7 | 2507 | ("reverse link" or uplink) same<br>combin\$4 | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/08/01 10:05 |
| S10<br>8 | 88   | 455/442.ccls. and S107                       | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/08/01 10:05 |
| S10<br>9 | 470  | softer same secto\$4                         | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/08/01 10:06 |
| S11<br>0 | 23   | S108 and S109                                | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/08/01 10:06 |
| S11<br>1 | 140  | combin\$4 near4 "reverse link"               | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/08/01 10:33 |
| S11<br>2 | 62   | S111 and "455"/\$.ccls.                      | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/08/01 10:36 |
| S11<br>3 | 5    | S112 and maxima\$3                           | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/08/01 11:50 |
| S11<br>4 | 17   | assign\$4 near3 R-SCH                        | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/08/01 15:16 |
| S11<br>5 | 2    | "6307849".pn.                                | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/08/01 15:16 |

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| S11<br>6 | 565 | 455/442.ccls.                        | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/08/01 15:51 |
| S11<br>7 | 216 | handoff same control\$3 same circuit | USPAT                                  | OR | ON | 2005/08/01 15:52 |